

What is claimed is:

1. A method of reproducing an interactive recording medium in a reproducing apparatus, comprising the steps of:

checking attribute information for auxiliary contents data
5 of A/V data recorded on the interactive recording medium; and
determining a presentation method for the auxiliary
contents data based on the attribute information and presenting
the auxiliary contents data accordingly.

2. The method set forth in claim 1, wherein the attribute
10 information is included in playback control information for
reproducing the auxiliary contents data in synchronization with
the A/V data.

3. The method set forth in claim 2, wherein the playback
control information is provided to the reproducing apparatus by
15 an external server.

4. The method set forth in claim 2, wherein the playback
control information is pre-recorded on the interactive recording
medium.

5. The method set forth in claim 1, wherein the auxiliary
20 contents data is organized into one or more files.

6. The method set forth in claim 5, wherein the attribute
information is included in the names of the files containing the
auxiliary contents data.

7. The method set forth in claim 5, wherein the attribute
25 information is included in meta tag information in the header
area of the files containing the auxiliary contents data.

8. The method set forth in claim 5, wherein the attribute
information is included in tag information arbitrarily

positioned within the files containing the auxiliary contents data as image tag information.

9. The method set forth in claim 1, wherein the attribute information includes information indicating image types and/or
5 aspect ratios for the auxiliary contents data.

10. The method set forth in claim 9, wherein the image types indicate whether the images for presenting the auxiliary contents data are square or not.

11. The method set forth in claim 9, wherein the aspect
10 ratios indicate whether the aspect ratios of the images for presenting the auxiliary contents data are either 4:3 or 16:9.

12. The method set forth in claim 1, wherein the auxiliary contents data is pre-recorded on the interactive recording medium or provided by an external server through a communication
15 network.

13. The method set forth in claim 1, wherein the determining and presenting step outputs the auxiliary contents data in conjunction with the A/V data reproduced from the interactive recording medium.

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